

The course "Selected Topics in OSCM II" in the winter semester 2021/2022 is focused on integer programming. The knowledge of linear programming is extended considering that variables can assume only binary or integer variables. During the course, the students will learn how to model such problems, including how to use logical relations between variables and constraints. Furthermore, solution procedures such as Branch-and-bound and cutting planes are presented. The course is mostly based on the book from Wolsey (2021), Integer Programming, second edition.